

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-7 (Canceled).

Claim 8 (Currently Amended): A waterproof and breathable sole for shoes, comprising:

a mid-sole component including:

a membrane made of a material that is impermeable to water and permeable to water vapor;

a lower protective layer made of a material that is resistant to hydrolysis, water-repellent, breathable, and/or perforated, the membrane being connected in spots with said lower protective layer; and

a tread made of perforated elastomer, the tread including a border that is joined perimetricaly and hermetically to the mid-sole component to seal edges of the mid-sole component,

wherein said membrane is associated with said protective layer by a thermoreactive adhesive, and wherein the tread and border are a single piece formed in a single molding step.

Claim 9 (Previously Presented): The sole of claim 8, wherein said membrane and said protective layer associated therewith are joined hermetically to said tread, which is provided by overmolding or in place assembling on said component.

Claim 10 (Previously Presented): The sole of claim 8, wherein said membrane and said protective layer are part of a mid-sole with a preassembled insert that comprises a perimetric element that is overmolded or assembled in place and surrounds said membrane

and said protective layer and is joined to them hermetically, said insert being coupled to said tread, which is overmolded or assembled in place thereon.

Claim 11 (Canceled).

Claim 12 (Currently Amended): A method for joining a membrane made of a material that is impermeable to water and permeable to water vapor to a protective layer made of a material that is resistant to hydrolysis, water-repellent, breathable and/or perforated, to provide waterproof and breathable soles for shoes, the method comprising:

applying thermoreactive adhesives in spots between said membrane and said protective layer;

forming a tread and a border in a single molding as a single piece; and  
perimetricaly enclosing and sealing edges of the membrane and protective layer with  
the border.

Claim 13 (Canceled).

Claim 14 (Currently Amended): A method for making a waterproof and breathable sole for shoes that has a structure including a mid-sole component with a membrane made of a material that is impermeable to water and permeable to water vapor and is connected in spots with a lower protective layer made of a material that is resistant to hydrolysis, water-repellent, breathable and/or perforated; and a tread made of perforated elastomer that is joined perimetricaly and hermetically to the component, the method comprising:

connecting said membrane to said protective layer with a thermoreactive adhesive;  
forming a tread and a border in a single molding as a single piece; and

perimetricaly enclosing and sealing edges of the membrane and protective layer with the border.